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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/636,044	08/07/2003	Patrick Chiu	FXPL-01060US0	9973
23910 7590 08/05/2010 FLIESLER MEYER LLP 650 CALIFORNIA STREET 14TH FLOOR SAN FRANCISCO, CA 94108				
EXAMINER AUGUSTINE, NICHOLAS				
ART UNIT 2179		PAPER NUMBER		
NOTIFICATION DATE 08/05/2010		DELIVERY MODE ELECTRONIC		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

OFFICEACTIONS@FDML.COM

### Office Action Summary

**Application No.**

10/636,044

**Applicant(s)**

CHIU ET AL.

**Examiner**

NICHOLAS AUGUSTINE

**Art Unit**

2179

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 12 May 2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-6, 9, 10, 13, 14, 18, 21, 24, 27-31 and 33-42 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6, 9-10, 13-14, 18, 21, 24, 27-31 and 33-42 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 5/12/2010
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

- A. This action is in response to the following communications: Request for Continued Examination filed 05/12/2010.
- B. Claims 1-6,9-10,13-14,18,21, 24, 27-31 and 33-42 remain pending.
- C. After Request for Continued Examination additional searching provided the new references depicted below thereby withdrawing the previous allowance.

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**Continued Examination Under 37 CFR 1.114**

3. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 05/12/2010 has been entered.

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***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. **Claims 1, 27-30** are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

2a. Claim 1 recites the limitation "the third content" in line 9. There is insufficient antecedent basis for this limitation in the claim.

2b. Claim 27-30 recites the limitation "the third display device" in line 3. There is insufficient antecedent basis for this limitation in the claim.

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***Claim Rejections - 35 USC § 102***

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-6,9-10,13-14,18,21,24,27-31 and 33-42 are rejected under 35 U.S.C. 102(e) as being anticipated by Radley-Smith, Philip John (US Pub. 2003/0030595), herein referred to as "Radley-Smith".

As for claim 1, Radley-Smith teaches a system for providing a sequence of content in a modular presentation system, comprising:

a plurality display devices, wherein each display device neighbors at least one other display device and at least three of the plurality of display devices are in visual proximity to each other (fig.1; par.33,77);

an input device that receives input of a gesture to move a first content from a first display device of the plurality of display devices to a second display device (*par.29,33,38; wherein content can be displayed across the plurality of display devices and moved across all connected displays (bracelet)*);

wherein a second content of the second display device is moved from the second display device of the plurality of display devices to a third display device, wherein a propagation order of the third content followed by the second content followed by the first content represents the sequence (*par.77,81, 86-89 depicts the bracelet folded out wherein content is displayed across all display panels wherein for example in figure 6 the user can use touch controls to gesture the displayed graphics on the devices for interaction with a game*); and

a processor (par.77), that interprets a direction to move the first content from the first display device based on the gesture, wherein the gesture is made with a flick which indicates content to be moved and a direction without designating the destination, wherein the gesture specifies the second display device to which the first content is to be moved, based on the gesture and the position of the plurality of display devices, and that propagates the first content of the first display device to the second display device

*(par.33,77,81,86; wherein content can be displayed to the user across multiple display devices wherein the user can interact with the displayed graphics through use of the touch panels to display graphics across all panels of the bracelet such that content can be scrolled/cycled through);*

and that propagates the second content of the second display device to the third display device, wherein initiating the gesture changes all of the first display device, the second display device and the third display device *(par.33,77,81,86-89; wherein the bracelet is made up of multiple display panels that allow content to be scrolled through starting from one panel and end up being displayed at the end panel, as explained in the cop example of use as well as the game example of use).*

As for claim 2, Radley-Smith teaches. The system of claim 1 wherein each of the plurality of display devices is configured to:

receive new content identification information;

transmit old content identification information; and present content associated with the new content identification information (par.77-78; content is displayed across the multiple display panels as explained in the example in par.83).

As for claim 3, Radley-Smith teaches. The system of claim 2 wherein new content identification

information is received from a processor associated with a neighboring display device in the reverse propagation direction, the old content identification information is

transmitted to a processor associated with a neighboring display device in the forward propagation direction, the forward propagation direction derived from the gesture input (par.77, 83,86).

As for claim 4, Radley-Smith teaches. The system of claim 2 wherein receiving new content

identification information includes:

retrieving new content identification information from a memory stack (par.6, 81).

As for claim 5, Radley-Smith teaches a method of providing content in a modular presentation system

having a plurality of display devices, wherein at least three of the plurality of display devices are in visual proximity to each other, the method comprising:

receiving input of a move gesture to move a sequence of content including a first content and a second content, wherein the first content is presented on a first display device of the plurality of display devices, wherein the move gesture initiates propagation of content from right to left which indicates content to be moved and a direction without designating the destination *(par.77,81, 86-89 depicts the bracelet folded out wherein content is displayed across all display panels wherein for example in figure 6 the user can use touch controls to gesture the displayed graphics on the devices for interaction with a game)*;

interpreting a direction to move the first content from the first display device based on

the gesture; specifying a second display device to which the first content is to be moved based on the gesture and the relative position of the plurality of display devices and a third display device to which the second content is to be moved based on the gesture and the relative position of the plurality of display devices, wherein the first display device is on the right of the second display device and the second display device is on the right of the third display device; and presenting the first content at the second display device and the second content at the third display device, wherein initiating the gesture simultaneously changes both the first display device and the second display device (*par.33,77,81,86; wherein content can be displayed to the user across multiple display devices wherein the user can interact with the displayed graphics through use of the touch panels to display graphics across all panels of the bracelet such that content can be scrolled/cycled through.*

As for claim 6, Radley-Smith teaches. The method of claim 5 wherein receiving gesture input includes:

receiving input on a touch screen display (*par.33,77*).

As for claim 9, Radley-Smith teaches. The method of claim 5 wherein presenting the second content at

the third display device includes retrieving a second URL and sending the second URL



to the third display device (par.81-83; IPU sends display information across entire bracelet (multiple segments)).

As for claim 10, Radley-Smith teaches. The method of claim 5 wherein presenting the first content at the second display device includes sending a first URL to the second display device (par.81-83; IPU sends display information across entire bracelet (multiple segments)).

As for claim 13, Radley-Smith teaches a computer readable medium with instructions for execution by a computer for providing a sequence of content in a modular presentation system having a plurality display devices, wherein at least two of the plurality display devices are in physical and visual proximity to each other, the instructions comprising:

receiving input of a gesture to move first content presented on a first display device, wherein the first content is all the information displayed on the first display device (par.77,81, 86-89 depicts the bracelet folded out wherein content is displayed across all display panels wherein for example in figure 6 the user can use touch controls to gesture the displayed graphics on the devices for interaction with a game); interpreting a direction to move the content from the first display device based on the gesture; and presenting the first content at the second display device, wherein a propagation order of

the second content followed by the first content represents the sequence, wherein initiating the gesture simultaneously changes both the first display device and the second display device (*par.33,77,81,86-89; wherein the bracelet is made up of multiple display panels that allow content to be scrolled through starting from one panel and end up being displayed at the end panel, as explained in the cop example of use as well as the game example of use*).

As for claim 14, Radley-Smith teaches. The computer readable medium of claim 13 wherein receiving input of the gesture includes:  
receiving input on a touch screen display (*par.33,77*).

As for claim 18, Radley-Smith teaches. The computer readable medium of claim 13 wherein presenting the first content at the second display device includes sending a first URL to the second display device (*par.81-83; IPU sends display information across entire bracelet (multiple segments)*).

As for claim 21, Radley-Smith teaches. The system of claim 1, wherein the content of the third display device is automatically propagated on another display device in the plurality of display devices (*par.83-86*).

As for claim 24, Radley-Smith teaches. The method of claim 5, wherein the content of

the third display device is automatically presented to another display device in the plurality of display devices (par.83-86).

As for claim 27, Radley-Smith teaches. The computer readable medium of claim 13, wherein the instructions further provide for the second content of the second display device to be automatically presented to the third display device in the plurality of devices (par.83-86).

As for claim 28, Radley-Smith teaches. The computer readable medium of claim 13, wherein the instructions further provide that the third display device is in visual proximity to both the first display device and the second display device (fig.1-13; wherein depicted are more than 3 display devices; par.74-77).

As for claim 29, Radley-Smith teaches. The computer readable medium of claim 28, wherein the instructions further provide that a content of the third display device is automatically presented to another display device in the plurality of displays display devices (par.83-86).

As for claim 30, Radley-Smith teaches. The computer readable medium of claim [[28]] 18, wherein the instructions further provide that presenting the second content at the third display device includes retrieving a second URL and sending the second URL to the third display device (par.81-83; IPU sends display information across entire bracelet

(multiple segments)).

As for claim 31, Radley-Smith teaches a system for providing content in a modular presentation system, comprising:

a plurality display devices, wherein each display device neighbors at least one other display device, wherein each display device is aware of the neighboring display devices, wherein each display device remains a discrete separately controlled display device; a sequence of content including a first content and a second content; an input device that receives input of a gesture to move a content from a first display device of the plurality of display devices, wherein the gesture is a movement from right to left using a finger, wherein the movement from right to left specifies a starting point and a direction (*par. 77, 81, 86-89 depicts the bracelet folded out wherein content is displayed across all display panels wherein for example in figure 6 the user can use touch controls to gesture the displayed graphics on the devices for interaction with a game*); and a processor, that interprets a direction to move the first content from the first display device based on the gesture, that specifies a second display device to which the first content is to be moved, based on the gesture and the position of the plurality of display devices and that propagates the first content of the first display device to the second display device and automatically propagates the second content of the second display device to a third display device of the plurality of display devices, wherein a propagation order of the second content followed by the first content represents the sequence, wherein initiating the gesture changes all of the first display device, the second display

device and the third display device (*par.33,77,81,86-89; wherein the bracelet is made up of multiple display panels that allow content to be scrolled through starting from one panel and end up being displayed at the end panel, as explained in the cop example of use as well as the game example of use*).

As for claim 33, Radley-Smith teaches. The system of claim 1, wherein the gesture is made from a device selected from the group consisting of keyboards, mouse devices, joysticks, microphones, UV sensors, motion detectors and laser pointers (*par.77,81-82*).

As for claim 34, Radley-Smith teaches. The method of claim 5, wherein the gesture is made from a device selected from the group consisting of keyboards, mouse devices, joysticks, microphones, UV sensors, motion detectors and laser pointers (*par.77,81-82*).

As for claim 35, Radley-Smith teaches. The computer readable medium of claim 13, wherein the gesture is made from a device selected from the group consisting of keyboards, mouse devices, joysticks, microphones, UV sensors, motion detectors and laser pointers (*par.77,81-82*).

As for claim 36, Radley-Smith teaches. The system of claim 31, wherein the gesture is made from a device selected from the group consisting of keyboards, mouse devices,

joysticks, microphones, UV sensors, motion detectors and laser pointers (par.77,81-82).

As for claim 37, Radley-Smith teaches. The system of claim 1, wherein the at least three display devices in visual proximity to each communicate through a server (fig.1-3; par.80).

As for claim 38, Radley-Smith teaches. The method of claim 5, wherein the at least three display devices in visual proximity to each communicate through a server (fig.1-3; par.80).

As for claim 39, Radley-Smith teaches. The system of claim 31, wherein the first display device, the second display device and the third display device each communicate through a server (fig.1-3; par.80).

As for claim 40, Radley-Smith teaches. The system of claim 1, wherein the at least three display devices in visual proximity to each communicate through a peer to peer service (fig.1-3; par.80).

As for claim 41, Radley-Smith teaches. The method of claim 5, wherein the at least three display devices in visual proximity to each communicate through a peer to peer service (fig.1-3; par.80).

As for claim 42, Radley-Smith teaches. The system of claim 31, wherein the first display device, the second display device and the third display device each communicate through a peer to peer service (fig.1-3; par.80).

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**(Note :)** It is noted that any citation to specific, pages, columns, lines, or figures in the prior art references and any interpretation of the references should not be considered to be limiting in any way. A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. In re Heck, 699 F.2d 1331, 1332-33, 216 USPQ 1038, 1039 (Fed. Cir. 1983) (quoting In re Lemelson, 397 F.2d 1006,1009, 158 USPQ 275, 277 (CCPA 1968)).

### ***Response to Arguments***

Applicant's arguments with respect to claims 1-6,9-10,13-14,18,21,24,27-31 and 33-42 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Please Note: Ernst et al.; Harada et al; Mayer III et al in the cited prior arts.

### ***Inquires***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nicholas Augustine whose telephone number is 571-270-1056 and fax is 571-270-2056. The examiner can normally be reached on Monday - Friday: 9:30am- 5:00pm Eastern.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on 571-272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Nicholas Augustine/  
Examiner  
Art Unit 2179  
July 30, 2010

/Ba Huynh/  
Primary Examiner, Art Unit 2179